Annual Air Emission Inventory
and Emission Statement
Facility Report

General Facility Information

Facility ID: **00120** County - **005** State - **23** Year Inventory: **2008**

Facility Name: **SPRAGUE ENERGY** SIC: **5171**

Street Address: **59 MAIN ST**

Mail Address: **59 MAIN ST** Emissions Contact: **LARRY LAVERRIERE**

SOUTH PORTLAND **ME** **04106** Telephone #: **2077994899**

Comment:

Group Information

Group Id: **001**

Group Description: **TANK #3 - #2 FUEL OIL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**

Days/Week **7**

Weeks/Year **52** End Time: **2359**

O3 Season Days **91**

Comment:

Process Unit Information

Process Unit ID: **1**

Description: **BREATHING LOSS**

Stack #: **99**

Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**

Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)

AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **3250.3** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **10722.1** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.0745		

Comment:

Group Information

Group Id: **002**
Group Description: **TANK #4 - JET KEROSENE**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time: 0001
Days/Week	7	
Weeks/Year	52	End Time: 2359
O3 Season Days	91	

Comment:

Process Unit Information

Process Unit ID: 1
Description: **STANDING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301154**
Description: **Petroleum Product Storage at Refineries**
Floating Roof Tanks (Varying Sizes)
Jet Kerosene: Standing Loss - Internal
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **1319.3** Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00533		

Comment:

Process Unit Information

Process Unit ID: **2**
Description: **WITHDRAWAL LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301119**
Description: **Petroleum Product Storage at Refineries**
Floating Roof Tanks (Varying Sizes)
Jet Kerosene: Withdrawal Loss
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **1754.78** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.00246**		

Comment:

Group Information

Group Id: **003**
Group Description: **TANK #5 - JET KEROSENE**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Actual Operating Schedule for This Group:

Hours/Day	**24**	Start Time: **0001**
Days/Week	**7**	
Weeks/Year	**52**	End Time: **2359**
O3 Season Days	**91**	

Comment:

Process Unit Information

Process Unit ID: 1
Description: STANDING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301154
Description: Petroleum Product Storage at Refineries
Floating Roof Tanks (Varying Sizes)
Jet Kerosene: Standing Loss - Internal
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1337.4 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.004845		

Comment:

Process Unit Information

Process Unit ID: 2
Description: WITHDRAWAL LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301119
Description: Petroleum Product Storage at Refineries
Floating Roof Tanks (Varying Sizes)
Jet Kerosene: Withdrawal Loss
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1778.97 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.002495		

Comment:

Group Information

Group Id: 004
Group Description: TANK 207- KEROSENE

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: BREATHING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301016
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: 1000 Gallon-Years Jet Kerosene Storage C

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1502.3 Units: 1000 Gallon-Years Jet Kerosene Storage C

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.089275		

Comment:

Process Unit Information

Process Unit ID: **2**
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301018**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **4664.86** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.03927**		

Comment:

Group Information

Group Id: **005**
Group Description: **TANK #13- #2 FUEL OIL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Comment:

Process Unit Information

Process Unit ID: 1
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **10643.3** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.07398**		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **3226.4** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21698		

Comment:

Group Information

Group Id: 006
Group Description: TANK #14- #2 FUEL OIL

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: WORKING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301021
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 14486.4 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.10069		

Comment:

Process Unit Information

Process Unit ID: **2**
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **4391.4** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.2843**		

Comment:

Group Information

Group Id: **007**
Group Description: **TANK #28- AVIATION GAS**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Comment:

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Process Unit Information

Process Unit ID: 1
Description: **STANDING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301153**
Description: **Petroleum Product Storage at Refineries**
Floating Roof Tanks (Varying Sizes)
Jet Naphtha (JP-4): Standing Loss - Internal
AP-42 Units: **1000 Gallon-Years Jet Naphtha Storage Ca**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **1300.7** Units: **1000 Gallon-Years Jet Naphtha Storage Ca**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.457435**		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WITHDRAWAL LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301118**
Description: **Petroleum Product Storage at Refineries**
Floating Roof Tanks (Varying Sizes)
Jet Naphtha (JP-4): Withdrawal Loss
AP-42 Units: **1000 Gallons Jet Naphtha Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **1628.7** Units: **1000 Gallons Jet Naphtha Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00217		

Comment:

Group Information

Group Id: 008
Group Description: TANK #101 - KEROSENE

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301016**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1236.4 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.082625		

Comment:

Process Unit Information

Process Unit ID: **2**
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301018**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **1644.61** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.013845**		

Comment:

Group Information

Group Id: **009**
Group Description: **TANK #103- JET KEROSENE**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Comment:

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301016**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **585.48** Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.036545		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301018**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **2427.97** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.02044		

Comment:

Group Information

Group Id: 010
Group Description: TANK #104 - ULSD

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time:	0001
Days/Week	7		
Weeks/Year	52	End Time:	2359
O3 Season Days	91		

Comment:

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1572.3 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.070795		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **4882.27** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.03088**		

Comment:

Group Information

Group Id: **011**
Group Description: **TANK #105 - #2 FUEL OIL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Comment:

Actual Operating Schedule for This Group:

Hours/Day	**24**	Start Time: **0001**
Days/Week	**7**	
Weeks/Year	**52**	End Time: **2359**
O3 Season Days	**91**	

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **3757.5** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.17936**		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **12395.3** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.0784		

Comment:

Group Information

Group Id: 012
Group Description: TANK #111 - #2 FUEL OIL

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: WORKING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301021
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 6920.04 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.04377		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **2097.7** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.10097**		

Comment:

Group Information

Group Id: **013**
Group Description: **TANK #112 - KEROSENE**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Comment:

Process Unit Information

Process Unit ID: 1
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301018**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **10194.2** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.085815		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301016**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **2458.2** Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		

Comment:

Group Information

Group Id: 014
Group Description: TANK #113 - JET KEROSENE

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time:	0001
Days/Week	7		
Weeks/Year	52	End Time:	2359
O3 Season Days	91		

Comment:

Process Unit Information

Process Unit ID: 1
Description: WORKING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301018
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: 1000 Gallons Jet Kerosene Throughput

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 10397.8 Units: 1000 Gallons Jet Kerosene Throughput

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.08753		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301016**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **2507.3** Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.15475**		

Comment:

Group Information

Group Id: **015**
Group Description: **TANK #114 - KEROSENE**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Actual Operating Schedule for This Group:

Hours/Day	**24**	Start Time:	**0001**
Days/Week	**7**		
Weeks/Year	**52**	End Time:	**2359**
O3 Season Days	**91**		

Comment:

Process Unit Information

Process Unit ID: 1
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301018**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Jet Kerosene Throughput**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **3336.6** Units: **1000 Gallons Jet Kerosene Throughput**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.02809		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301016**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Jet Kerosene Storage C**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **2508.49** Units: **1000 Gallon-Years Jet Kerosene Storage C**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.15475		

Comment:

Group Information

Group Id: 016
Group Description: TANK #1 - BIODIESEL

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: BREATHING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301020
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughtput: 28.764 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.21743		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **164.993** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.001045		

Comment:

Group Information

Group Id: 017
Group Description: **TANK #118 - #2 FUEL OIL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time:	0001
Days/Week	7		
Weeks/Year	52	End Time:	2359
O3 Season Days	91		

Comment:

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **3876.18** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.18422		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **12786.8** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.08088		

Comment:

Group Information

Group Id: 018
Group Description: TANK 42 - #2 OIL

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time:	0001
Days/Week	7		
Weeks/Year	52	End Time:	2359
O3 Season Days	91		

Comment:

Process Unit Information

Process Unit ID: 1
Description: WORKING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301021
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 20560.1 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.130045		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **BREATHING LOSS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **6232.55** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.26181**		

Comment:

Group Information

Group Id: **019**
Group Description: **TANK #2 - BIODIESEL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Comment:

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **9.5** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.21743**		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **54.493** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		3.45e-4		

Comment:

Group Information

Group Id: 020
Group Description: TANK #7 - 6 OIL

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment:

Process Unit Information

Process Unit ID: 1
Description: BREATHING LOSS

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40301065
Description: Petroleum Product Storage at Refineries
Fixed Roof Tanks (Varying Sizes)
Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughtput: 3800 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	5				

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301075**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)
AP-42 Units: **1000 Gallons Residual Oil (No. 6) Throug**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **18982** Units: **1000 Gallons Residual Oil (No. 6) Throug**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**5**		**0.00086**		

Comment:

Group Information

Group Id: **022**
Group Description: **TANK 210 - BOILER #2 OIL**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	**25**	**25**	**25**

Comment:

Actual Operating Schedule for This Group:

Hours/Day	**24**	Start Time:	**0001**
Days/Week	**7**		
Weeks/Year	**52**	End Time:	**2359**
O3 Season Days	**91**		

Process Unit Information

Process Unit ID: 1
Description: **BREATHING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301020**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)
AP-42 Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **20** Units: **1000 Gallon-Years Distillate Oil (No. 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.00164**		

Comment:

Process Unit Information

Process Unit ID: 2
Description: **WORKING LOSS**

Stack #: 99
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40301021**
Description: **Petroleum Product Storage at Refineries**
Fixed Roof Tanks (Varying Sizes)
Distillate Fuel #2: Working Loss (Tank Diameter Independent)
AP-42 Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **401.554** Units: **1000 Gallons Distillate Oil (No. 2) Thro**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00279		

Comment:

Group Information

Group Id: 026
Group Description: FULTON HEATER #1

Design Capacity: 9.9 Desgin Cap. Units: 1

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
21	28	29	22

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 7
Weeks/Year 52 End Time: 2359
O3 Season Days 91

Comment: Fulton Heater #1 replaces boiler #1.

Process Unit Information

Process Unit ID: 1
Description: #2 FUEL OIL

Stack #: 1
Description: BOILER 026

Source Classfiication Code (SCC): 10200501
Description: External Combustion Boilers - Industrial
Distillate Oil
Grades 1 and 2 Oil
AP-42 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Height: 18
Diameter: 1.30
Vent Height: 0
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.350 Percent Ash: 0.01 Heat Content: 1

Monthly Throughtput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughtput: 133.851 Units: 1000 Gallons Distillate Oil (No. 1 & 2)

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.0087		
Comment:						
107028	ACROLEIN	9	0.351	0.023491		
Comment:						
124389	CARBON DIOXIDE	9	22680	1517.87		
Comment:						
18540299	CHROMIUM (VI)	9	0.0000756	5.06e-6		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
246	POLYCYCLIC ORGANIC MATTER	9	0.0033	2.21e-4		
Comment:						
50000	FORMALDEHYDE	9	0.035	0.002342		
Comment:						
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	1.77e-9		
Comment:						
71432	BENZENE	9	0.129	0.008633		
Comment:						
7439921	LEAD	9	0.00126	8.43e-5		
Comment:						
7439965	MANGANESE	9	0.000832	5.57e-5		
Comment:						
7439976	MERCURY	9	0.000416	2.78e-5		
Comment:						
7440020	NICKEL	9	0.000416	2.78e-5		
Comment:						
7440382	ARSENIC	9	0.000555	3.71e-5		
Comment:						
7440439	CADMIUM	9	0.000416	2.78e-5		
Comment:						
7440484	COBALT	9	0.00021	1.41e-5		
Comment:						
74828	METHANE	9	0.06	0.004016		
Comment:						
75070	ACETALDEHYDE	9	0.351	0.023491		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.334628		
Comment:						
NH3	AMMONIA	8	8.000E-1	0.05354		
Comment:						
NOX	NITROGEN OXIDES	9	42	2.810871		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.669255		
Comment:						
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.016731		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
SO2	SULFUR DIOXIDE	8	1.42E2	3.326197		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.022755		

Comment: **Emission factor based on AP-42 and license limit.**

Group Information

Group Id: **027**
Group Description: **FULTON HEATER #2**

Design Capacity: **9.9** Desgin Cap. Units: **1**

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
21	28	29	22

Actual Operating Schedule for This Group:

Hours/Day	24	Start Time: 0001
Days/Week	7	
Weeks/Year	52	End Time: 2359
O3 Season Days	91	

Comment: **Fulton Heater #2 replaces boiler #2.**

Process Unit Information

Process Unit ID: **1**
Description: **#2 FUEL OIL**

Stack #: **2**
Description: **BOILER 027**

Source Classfiication Code (SCC): **10200501**
Description: **External Combustion Boilers - Industrial**
Distillate Oil
Grades 1 and 2 Oil
AP-42 Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Height: **14**
Diameter: **2.00**
Vent Height: **0**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.350** Percent Ash: **0.01** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **133.851** Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.0087		
Comment:						
107028	ACROLEIN	9	0.351	0.023491		
Comment:						
124389	CARBON DIOXIDE	9	22680	1517.87		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
18540299	CHROMIUM (VI)	9	0.0000756	5.06e-6		
Comment:						
246	POLYCYCLIC ORGANIC MATTER	9	0.0033	2.21e-4		
Comment:						
50000	FORMALDEHYDE	9	0.035	0.002342		
Comment:						
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	1.77e-9		
Comment:						
71432	BENZENE	9	0.129	0.008633		
Comment:						
7439921	LEAD	9	0.00126	8.43e-5		
Comment:						
7439965	MANGANESE	9	0.000832	5.57e-5		
Comment:						
7439976	MERCURY	9	0.000416	2.78e-5		
Comment:						
7440020	NICKEL	9	0.000416	2.78e-5		
Comment:						
7440382	ARSENIC	9	0.000555	3.71e-5		
Comment:						
7440439	CADMIUM	9	0.000416	2.78e-5		
Comment:						
7440484	COBALT	9	0.00021	1.41e-5		
Comment:						
74828	METHANE	9	0.06	0.004016		
Comment:						
75070	ACETALDEHYDE	9	0.351	0.023491		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.334628		
Comment:						
NH3	AMMONIA	8	8.000E-1	0.05354		
Comment:						
NOX	NITROGEN OXIDES	9	42	2.810871		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.669255		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.016731		
Comment:						
SO2	SULFUR DIOXIDE	8	1.42E2	3.326197		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.022755		

Comment: **Emission factor based on AP-42 and license limit.**

Group Information

Group Id: **028**
Group Description: **BOILER #3**

Design Capacity: **1** Desgin Cap. Units: **1**

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
44	31	6	19

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **91**

Comment:

Process Unit Information

Process Unit ID: **1**
Description: **#2 FUEL OIL**

Stack #: **3**
Description: **BOILER 028**

Source Classfiication Code (SCC): **10200501**
Description: **External Combustion Boilers - Industrial Distillate Oil Grades 1 and 2 Oil**
AP-42 Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Height: **20**
Diameter: **0.80**
Vent Height: **0**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.350** Percent Ash: **0.01** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **7.243** Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.000471		
Comment:						
107028	ACROLEIN	9	0.351	0.001271		
Comment:						
124389	CARBON DIOXIDE	9	22680	82.13562		
Comment:						
18540299	CHROMIUM (VI)	9	0.0000756	2.74e-7		
Comment:						
246	POLYCYCLIC ORGANIC MATTER	9	0.0033	1.20e-5		
Comment:						
50000	FORMALDEHYDE	9	0.035	1.27e-4		
Comment:						
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	9.6e-11		
Comment:						
71432	BENZENE	9	0.129	0.000467		
Comment:						
7439921	LEAD	9	0.00126	4.56e-6		
Comment:						
7439965	MANGANESE	9	0.000832	3.01e-6		
Comment:						
7439976	MERCURY	9	0.000416	1.51e-6		
Comment:						
7440020	NICKEL	9	0.000416	1.51e-6		
Comment:						
7440382	ARSENIC	9	0.000555	2.01e-6		
Comment:						
7440439	CADMIUM	9	0.000416	1.51e-6		
Comment:						
7440484	COBALT	9	0.00021	7.61e-7		
Comment:						
74828	METHANE	9	0.06	2.17e-4		
Comment:						
75070	ACETALDEHYDE	9	0.351	0.001271		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.018108		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
NH3	AMMONIA	8	8.000E-1	0.002897		
Comment:						
NOX	NITROGEN OXIDES	9	42	0.152103		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	10	0.036215		
Comment:						
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.000905		
Comment:						
SO2	SULFUR DIOXIDE	8	1.42E2	0.179989		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.001231		

Comment: **Emission factor based on AP-42 and license limit.**

Group Information

Group Id: **029**
Group Description: **BOILER #5**

Design Capacity: **2** Desgin Cap. Units: **1**

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
34	26	23	17

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0100**
Days/Week **7**
Weeks/Year **52** End Time: **2300**
O3 Season Days **91**

Comment:

Process Unit Information

Process Unit ID: **1**
Description: **LOW PRESSURE BOILER**

Stack #: **100**
Description: **BOILER #5 GROUP**

Source Classfiication Code (SCC): **10200503**
Description: **External Combustion Boilers - Industrial Distillate Oil < 10 Million Btu/hr ****
AP-42 Units: **1000 Gallons Distillate Oil Burned**

Height: **18**
Diameter: **1.30**
Vent Height: **0**
Velocity: **0.1**
Exit Temp.: **50**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.350** Percent Ash: **0.01** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **25.912** Units: **1000 Gallons Distillate Oil Burned**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.001684		
Comment:						
107028	ACROLEIN	9	0.351	0.004548		
Comment:						
124389	CARBON DIOXIDE	9	22680	293.8421		
Comment:						
18540299	CHROMIUM (VI)	9	0.0000756	9.80e-7		
Comment:						
246	POLYCYCLIC ORGANIC MATTER	9	0.0033	4.28e-5		
Comment:						
50000	FORMALDEHYDE	9	0.035	0.000454		
Comment:						
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	3.4e-10		
Comment:						
71432	BENZENE	9	0.129	0.001671		
Comment:						
7439921	LEAD	9	0.00126	1.63e-5		
Comment:						
7439965	MANGANESE	9	0.000832	1.08e-5		
Comment:						
7439976	MERCURY	9	0.000416	5.39e-6		
Comment:						
7440020	NICKEL	9	0.000416	5.39e-6		
Comment:						
7440382	ARSENIC	9	0.000555	7.19e-6		
Comment:						
7440439	CADMIUM	9	0.000416	5.39e-6		
Comment:						
7440484	COBALT	9	0.00021	2.72e-6		
Comment:						
74828	METHANE	9	0.06	0.000777		
Comment:						
75070	ACETALDEHYDE	9	0.351	0.004548		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.06478		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
NH3	AMMONIA	8	8.000E-1	0.010365		
Comment:						
NOX	NITROGEN OXIDES	9	42	0.544152		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	2	0.025912		
Comment:						
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.003239		
Comment:						
SO2	SULFUR DIOXIDE	8	1.42E2	0.643913		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.34	0.004405		

Comment: **Emission factor based on AP-42 and license limit.**

Group Information

Group Id: **030**
Group Description: **FULTON HEATER #3**

Design Capacity: **9.9** Desgin Cap. Units: **1**

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
21	28	29	22

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **7**
Weeks/Year **52** End Time: **2359**
O3 Season Days **0**

Comment:

Process Unit Information

Process Unit ID: **1**
Description: **#2 FUEL OIL**

Stack #: **3**
Description: **BOILER 028**

Source Classfiication Code (SCC): **10200501**
Description: **External Combustion Boilers - Industrial Distillate Oil Grades 1 and 2 Oil**
AP-42 Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Height: **20**
Diameter: **0.80**
Vent Height: **0**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.350** Percent Ash: **0.01** Heat Content: **1**

Monthly Throughtput:

December: **0**	March: **0**	June: **0**	September: **0**
January: **0**	April: **0**	July: **0**	October: **0**
February: **0**	May: **0**	August: **0**	November: **0**

Annual Throughtput: **133.851** Units: **1000 Gallons Distillate Oil (No. 1 & 2)**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	0.0087		
Comment:						
107028	ACROLEIN	9	0.351	0.023491		
Comment:						
124389	CARBON DIOXIDE	9	22680	1517.87		
Comment:						
18540299	CHROMIUM (VI)	9	0.0000756	5.06e-6		
Comment:						
246	POLYCYCLIC ORGANIC MATTER	9	0.0033	2.21e-4		
Comment:						
50000	FORMALDEHYDE	9	0.035	0.002342		
Comment:						
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	1.77e-9		
Comment:						
71432	BENZENE	9	0.129	0.008633		
Comment:						
7439921	LEAD	8	0.003369	2.26e-4		
Comment:						
7439965	MANGANESE	9	0.000832	5.57e-5		
Comment:						
7439976	MERCURY	9	0.000416	2.78e-5		
Comment:						
7440020	NICKEL	9	0.000416	2.78e-5		
Comment:						
7440382	ARSENIC	9	0.000555	3.71e-5		
Comment:						
7440439	CADMIUM	9	0.000416	2.78e-5		
Comment:						
7440484	COBALT	9	0.00021	1.41e-5		
Comment:						
74828	METHANE	9	0.06	0.004016		
Comment:						
75070	ACETALDEHYDE	9	0.351	0.023491		
Comment:						
CO	CARBON MONOXIDE	8	5.000E0	0.334628		
Comment:						

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
NH3	AMMONIA	8	8.000E-1	0.05354		
Comment:						
NOX	NITROGEN OXIDES	8	2.400E1	1.606212		
Comment:						
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	8	1.000E0	0.066926		
Comment:						
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	8	2.500E-1	0.016731		
Comment:						
SO2	SULFUR DIOXIDE	8	1.42E2	3.326197		
Comment:						
TNMOC	TOTAL NON-METHANE ORGANIC	8	2.000E-1	0.013385		
Comment:						
VOC	VOLATILE ORGANIC COMPOUNDS	8	0.42	0.028109		
Comment:						

Group Information

Group Id: **098**
Group Description: **TRUCK LOADING RACKS**

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day **24** Start Time: **0001**
Days/Week **6**
Weeks/Year **52** End Time: **2359**
O3 Season Days **78**

Comment:

Process Unit Information

Process Unit ID: **1**
Description: **ALL FUELS**

Stack #: **99**
Description: **FUGITIVE**

Source Classfiication Code (SCC): **40400250**
Description: **Petroleum Liquids Storage (non-Refinery)**
Bulk Plants
Loading Racks
AP-42 Units: **1000 Gallons Liquid Transferred**

Height: **0**
Diameter: **0.00**
Vent Height: **2**
Velocity: **0.0**
Exit Temp.: **0**
Flow Rate: **0**

Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1**

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: **123528** Units: **1000 Gallons Liquid Transferred**

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.884		

Comment:

Group Information

Group Id: 099
Group Description: VESSEL LOADING

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
25	25	25	25

Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001
Days/Week 6
Weeks/Year 52 End Time: 2359
O3 Season Days 78

Comment:

Process Unit Information

Process Unit ID: 1
Description: #2 FUEL OIL

Stack #: 99
Description: FUGITIVE

Source Classfiication Code (SCC): 40400250
Description: Petroleum Liquids Storage (non-Refinery)
Bulk Plants
Loading Racks
AP-42 Units: 1000 Gallons Liquid Transferred

Height: 0
Diameter: 0.00
Vent Height: 2
Velocity: 0.0
Exit Temp.: 0
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughtput:

December:	March:	June:	September:
January:	April:	July:	October:
February:	May:	August:	November:

Annual Throughtput: 1628 Units: 1000 Gallons Liquid Transferred

Comment:

Process Unit Control Equipment

No Control Devices found for this Process Unit.

Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	**VOLATILE ORGANIC COMPOUNDS**	**3**		**0.009**		

Comment:

Facility Pollutant Emissions Summary

Facility ID: 00120 County - 005 State - 23

CAS	Pollutant		Emissions tons / year
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	0.028255	0.028255
107028	ACROLEIN	0.076292	0.076292
124389	CARBON DIOXIDE	4929.588	4929.588
18540299	CHROMIUM (VI)	1.64e-5	1.64e-5
246	POLYCYCLIC ORGANIC MATTER	0.000718	0.000718
50000	FORMALDEHYDE	0.007607	0.007607
600	2,3,7,8-TCDD TEQ	5.75e-9	5.75e-9
71432	BENZENE	0.028037	0.028037
7439921	LEAD	4.16e-4	4.16e-4
7439965	MANGANESE	1.81e-4	1.81e-4
7439976	MERCURY	9.03e-5	9.03e-5
7440020	NICKEL	9.03e-5	9.03e-5
7440382	ARSENIC	1.21e-4	1.21e-4
7440439	CADMIUM	9.03e-5	9.03e-5
7440484	COBALT	4.58e-5	4.58e-5
74828	METHANE	0.013042	0.013042
75070	ACETALDEHYDE	0.076292	0.076292
CO	CARBON MONOXIDE	1.086772	1.086772
NH3	AMMONIA	0.173882	0.173882
NOX	NITROGEN OXIDES	7.924209	7.924209
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION ONLY	1.467563	1.467563
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION ONLY	0.054337	0.054337
SO2	SULFUR DIOXIDE	10.80249	10.80249
TNMOC	TOTAL NON-METHANE ORGANIC CARBON	0.013385	0.013385
VOC	VOLATILE ORGANIC COMPOUNDS	4.965225	4.965225